



PATENT

Attorney Docket No. 30260.702.501

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application	)	<u>PATENT APPLICATION</u>
	)	
Inventor(s): Stephen Quake et al.	)	
	)	Art Unit: 1634
Application No.: 09/707,737	)	
	)	Examiner: Arun K. Chakrabarti
Filed: 11/6/2000	)	
	)	
Title Methods and Apparatuses for Analyzing	)	
Polynucleotide Sequences	)	
	)	

Commissioner of Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.97

Sir:

Applicants hereby submit an Information Disclosure Statement, along with an attached Form PTO-1449. A copy of each listed publication and U.S. and foreign patent is enclosed pursuant to 37 C.F.R. §1.97-1.98. The only document in a foreign language is WO98/33939. However, applicants note that its abstract and figures are in English.

Applicants respectfully request that the listed information be considered by the Examiner and be made of record in the above-identified application. Applicants further request that the Examiner initial and return the attached form PTO-1449 in accordance with MPEP §609.

This statement is not intended to represent that a search has been made or that the information cited in the statement is, or is considered to be, prior art or material to patentability as defined in §1.56.

12/10/2003 HGBREH1 00000019 232415 09707737  
02 FC:1806 180.00 DA

- ☐ This statement qualifies under 37 C.F.R. §1.97(b) if:
- ☐ (1) It is being filed within 3 months of the application filing date and is other than a continued prosecution application under § 1.53(d)  
-- OR --
  - ☐ (2) It is being filed within 3 months of entry of a national stage  
-- OR --
  - ☐ (3) It is being filed before the mail date of the first Office Action on the merits  
-- OR --
  - ☐ (4) It is being filed before the mailing of a first Office Action after the filing of a request for continued examination under § 1.114.
- ☒ 37 C.F.R. §1.97(c). If this statement is being filed after the latest of: (1) three months beyond the filing date of a national application; (2) three months beyond the date of entry of the national stage as set forth in §1.491 in an international application; or (3) the mailing date of a first Office action on the merits, but before the mailing date of the earlier of a final office action under §1.113 or a notice of allowance under §1.311, then:
- ☐ a certification as specified in §1.97(e) is provided below; **or**
  - ☒ a fee of \$180.00 as set forth in §1.17(p) is authorized below, enclosed, or included with the payment of other papers filed together with this statement.
- ☐ 37 C.F.R. §1.97(d). If this statement is being filed after the mailing date of the earlier of a final office action under §1.113 or a notice of allowance under §1.311, but before payment of the issue fee, then:
- A. a certification as specified in §1.97(e) is completed below; and
  - B. a petition under 37 C.F.R. §1.97(d) requesting consideration of this statement is submitted herewith; **and**
  - C. a fee of \$130.00 as set forth in §1.17(i)(1) is authorized below, enclosed, or included with the payment of other papers filed together with this statement.

☒ **Fee Authorization.** The Commissioner is hereby authorized to charge the above-referenced fees of \$180.00 and charge any additional fees or credit any overpayment associated with this communication to Deposit Account No. 23-2415 (Docket No.30260.702.501).

Respectfully submitted,

WILSON SONSINI GOODRICH & ROSATI

Dated: December 5, 2003

By: Nicole M. Fortuné  
Nicole M. Fortuné, Reg. No. 52,905

650 Page Mill Road  
Palo Alto, CA 94304-1050  
(650) 493-9300  
Customer No. 021971

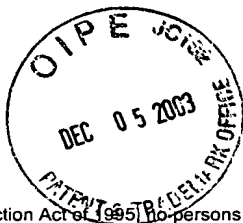
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Substitute for form 1449A/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b>		
				Application No.	09/707,737	
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				First Named Inventor	Quake	
				Art Unit	1634	
				Examiner Name	Chakrabarti	
Sheet	1	Of	5	Attorney Docket No.		30260.702.501

U.S. PATENT DOCUMENTS					
Examiner's Initials	Cite No. <sup>1</sup>	Document No.	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US-RE. 34,069	9/15/92	Koster et al.	
		US-4,711,955	12/8/87	Ward et al.	
		US-4,725,677	2/16/88	Koster et al.	
		US-4,811,218	3/7/89	Hunkapiller et al.	
		US-5,198,540	3/30/93	Koster et al.	
		US-5,260,433	11/9/93	Engelhardt et al.	
		US-5,449,767	9/12/95	Ward et al.	
		US-5,476,928	12/19/95	Ward et al.	
		US-5,558,991	9/24/96	Trainor	
		US-5,631,734	5/20/97	Stern et al.	
		US-5,674,716	10/7/97	Tabor et al.	
		US-5,688,648	11/18/97	Mathies et al.	
		US-5,741,640	4/21/98	Fuller	
		US-5,834,758	11/10/98	Trulson et al.	
		US-6,017,702	1/25/00	Lee et al.	
		US-6,087,095	7/11/00	Rosenthal et al.	
		US-6,140,494	10/31/00	Hamilton et al.	
		US-6,207,960	3/27/01	Stern	
		US-6,225,109	5/1/01	Juncosa et al.	
		US-6,225,625	5/1/01	Pirrung et al.	
EXAMINER SIGNATURE			DATE CONSIDERED		

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional) 2 See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.



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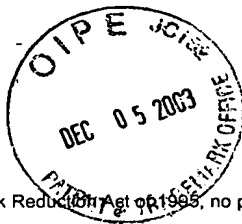
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		Number-Kind Code <sup>2</sup> (if known)			
		US-6,245,518	6/12/01	Baier	
		US-6,274,351	8/14/01	Peponnet	
		US-6,277,604	8/21/01	Peponnet	
		US-6,322,968	11/27/01	Head et al.	
		US-6,337,188	1/8/02	Head et al.	
		US-6,346,413	2/12/02	Fodor et al.	
		US-6,403,315	6/11/02	Drmanac	
		US-6,403,320	6/11/02	Read et al.	
		US-6,511,803	1/28/03	Church et al.	
		US-6,551,817	4/22/03	Besemer et al.	
		US-6,573,374	6/3/03	Muehlegger et al.	
		US-6,576,424	6/10/03	Fodor et al.	
		US-6,610,482	8/26/03	Fodor et al.	
		US-6,613,513	9/2/03	Parce et al.	
		US-6,627,748	9/30/03	Ju et al.	
		US-6,642,001	11/4/03	Bolk et al.	
		US-2002/0102586	8/1/02	Ju et al.	
		US-2002/0115092	8/22/02	Rebek, Jr.	
		US-2002/0146704	10/10/02	Head et al.	
		US-2003/0044781	3/6/03	Korlach et al.	
		US-2003/0059778	3/27/03	Berlin et al.	
		US-2003/0064366	4/3/03	Hardin et al.	
		US-2003/0092005	5/15/03	Levene et al.	
		US-2003/0190627	10/9/03	Zhao et al.	
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Examiner's Initials	Cite No.1	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				
		WO 92/10587	6/25/92	Affymax Technologies NV		
		WO 98/20020	5/14/98	Sequenom, Inc.		
		WO 98/33939	8/6/98	Hitachi, Ltd.		
		WO 99/27137	6/3/99	Orchid Biocomputer, Inc.		
		WO 99/37810	7/29/99	Amersham Pharmacia Biotech, Inc.		
		WO 99/40105	8/12/99	Affymetrix, Inc.		
		WO 99/66076	12/23/99	Orchid Biocomputer, Inc.		
		WO 00/34523	6/15/00	Hyseq, Inc.		
		WO 00/37680	6/29/00	The Regents of the University of California		
		WO 00/40750	7/13/00	Amersham Pharmacia Biotech AB		
		WO 00/53812	9/14/00	President and Fellows of Harvard College		
		WO 00/58516	10/5/00	Whitehead Institute for Biomedical Research		
		WO 00/70073	11/23/00	Cornell Research Foundation, Inc.		
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				<b>Sheet</b>	<b>4</b>

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		Country Code <sup>3</sup> – Number <sup>4</sup> – Kind Code <sup>5</sup> (if known)				
		WO 01/31055	5/3/01	Facultes Universitaires Notre- Dame de la Paix		
		WO 02/02813	1/10/02	Amersham Pharmacia Biotech UK Ltd.		
		WO 02/03305	1/10/02	Amersham Pharmacia Biotech UK Ltd.		
		WO 02/04680	1/17/02	Visigen Biotechnologies, Inc.		
		WO 02/20837	3/14/02	Pyrosequencing AB		
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